

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	733	250/370.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:42
L2	465	250/370.08.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:42
L3	1072	250/370.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:42
L4	788	250/370.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:42
L5	213	378/114.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:43
L6	96	378/92.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:43
L7	26	("4329410"   "4433427"   "4688242"   "5190637"   "5206983"   "5231654"   "5263075"   "5303282"   "5378583"   "5379336"   "5418833"   "5496668"   "5524041"   "5576147"   "5581592"   "5606589"   "5625192"   "5729585"   "5814235"   "5847398"   "5949850"   "5966424"   "6075840"   "6252938"   "6459771"   "6470072").PN. OR ("6987836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:43
L8	7	L7 and (graphite or tungsten)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:43
L15	45532	(substrate or (panel adj support)) and graphite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44

## EAST Search History

L16	36147	L15 and (layer or stack or (multi adj layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44
L17	216	L16 and radiograph\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44
L18	99	L17 and tungsten	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44
L21	4	L18 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44
L22	3	L18 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
L25	1	L18 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44
L26	67	("4841348"   "4958363"   "4969175"   "4997750"   "5021327"   "5040546"   "5150394"   "5228068"   "5235195"   "5254480"   "5287546"   "5291537"   "5295176"   "5305368"   "5306306"   "5352897"   "5381458"   "5399470"   "5400387"   "5418832"   "5465284"   "5480439"   "5481587"   "5509042"   "5519227"   "5528043"   "5530735"   "5533084"   "5572034"   "5572037"   "5577089"   "H001105").PN. OR ("5886353").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:44
L27	22	("4421671"   "4525628"   "4560877"   "4560882"   "4725734").PN. OR ("4870279"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:45

## EAST Search History

L28	14	("20040217291"   "20040251420"   "4187427"   "4242221"   "4262202"   "4415808"   "4870279"   "5117114"   "5773829"   "6271525"   "6362481"   "6630675"   "6734430"   "6921909").PN. OR ("7098460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:45
L29	49	(US-20030031296-\$ or US-20020181659-\$ or US-20020150214-\$ or US-20020005490-\$ or US-20020070365-\$).did. or (US-6707880-\$ or US-6723592-\$ or US-6714623-\$ or US-6667480-\$ or US-6700126-\$ or US-6475824-\$ or US-6552319-\$ or US-6459132-\$ or US-6469312-\$ or US-6398409-\$ or US-6344652-\$ or US-6333963-\$ or US-6331705-\$ or US-6323891-\$ or US-6255638-\$ or US-6239439-\$ or US-6208708-\$ or US-6232607-\$ or US-6049074-\$ or US-6127714-\$ or US-5965872-\$ or US-5903052-\$ or US-5962856-\$ or US-5909478-\$ or US-5811790-\$ or US-5828726-\$).did. or (US-5773832-\$ or US-5661309-\$ or US-5784435-\$ or US-5715292-\$ or US-5514873-\$ or US-5693948-\$ or US-5281803-\$ or US-5608774-\$ or US-5508740-\$ or US-7046764-\$ or US-5796109-\$ or US-5864146-\$ or US-6614871-\$ or US-5650626-\$).did. or (US-5784435-\$ or US-5903052-\$ or US-5103092-\$ or US-5262871-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 18:45
L30	3	L29 and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
L31	2	L29 and L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
L32	14	L29 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:46

## EAST Search History

L33	4	L29 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
L34	1	L29 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
L35	1	L29 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:46
L36	0	L29 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:46
L37	11	("3496360"   "4258264"   "4681227"   "4922105"   "5511106"   "5579366"   "5796109").PN. OR ("6700126"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:46
S1	10	"5103092"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 13:49
S2	130	"5262871"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:57
S3	8	"5281803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:57
S4	21	"5508740"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:57
S5	14	"5514873"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:57
S6	32	"5608774"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:58
S7	39	"5661309"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:58

## EAST Search History

S8	22	"5693948"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:58
S9	10	"5715292"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:58
S10	29	"5773832"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:58
S11	22	"5811790"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:59
S12	24	"5828726"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:59
S13	54	"5903052"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:59
S14	25	"5909478"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:59
S15	16	"5962856"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 13:59
S16	23	"5965872"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00
S17	10	"6049074"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00
S18	5	"6127714"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00
S19	7	"6208708"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00

## EAST Search History

S20	5	"6232607"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00
S21	8	"6239439"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:00
S22	13	"6255638"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:01
S23	9	"6323891"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:01
S24	5	"6331705"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:01
S25	10	"6333963"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:01
S26	6	"6344652"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:02
S27	8	"6398409"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02
S28	4	"6459132"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02
S29	7	"6469312"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02
S30	6	"6475824"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02
S31	4	"6552319"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02

## EAST Search History

S32	4	"6700126"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:02
S33	7	"6707880"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:03
S34	8	"6714623"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:03
S35	7	"6723592"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:03
S36	2	"20020005490"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:03
S37	2	"20020150214"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:03
S38	2	"20020181659"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:04
S39	2	"20030031296"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:04
S40	4	"6667480"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:04
S41	3	"5784435"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:04

## EAST Search History

S42	43	(US-20020005490-\$ or US-20020150214-\$ or US-20020181659-\$ or US-20030031296-\$).did. or (US-5281803-\$ or US-5508740-\$ or US-5514873-\$ or US-5608774-\$ or US-5661309-\$ or US-5693948-\$ or US-5715292-\$ or US-5773832-\$ or US-5811790-\$ or US-5828726-\$ or US-5903052-\$ or US-5909478-\$ or US-5962856-\$ or US-5965872-\$ or US-6049074-\$ or US-6127714-\$ or US-6208708-\$ or US-6232607-\$ or US-6239439-\$ or US-6255638-\$ or US-6323891-\$ or US-6331705-\$ or US-6333963-\$ or US-6344652-\$ or US-6398409-\$ or US-6459132-\$).did. or (US-6469312-\$ or US-6475824-\$ or US-6552319-\$ or US-6700126-\$ or US-6707880-\$ or US-6714623-\$ or US-6723592-\$ or US-6667480-\$ or US-5784435-\$).did. or (US-5103092-\$ or US-5262871-\$ or US-5903052-\$ or US-5784435-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 14:23
S43	11	(lead and (barium adj sulfate)) and 250/370.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:19
S44	3	S43 and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:19
S45	332	Ertel.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:40
S46	13	Ertel.in. and radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:11
S47	1	(lead and (barium adj sulfate)) and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:12
S48	7517	Ali.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:13



## EAST Search History

S49	1	S43 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:13
S50	4	Utschig.in. and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:13
S51	2485	Liu.in. and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:13
S52	229	Liu.in. and panel and radiation and absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:51
S53	1	S47 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:14
S54	229	radiation and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:14
S55	229	panel and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:15
S56	47	graphite and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:15
S57	780	radiation adj panel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 14:23
S58	8	S57 and (absorb\$4 and graphite)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 14:24
S59	1	S58 and "250"\$.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 14:37
S60	8	("20020109097"   "5548122"   "5629515"   "5661309"   "5880470"   "6403965"   "6518557").PN. OR ("6806473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/16 14:53

## EAST Search History

S61	205	(radiograph\$4 and graphite and tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:47
S62	17	(radiograph\$4 and (detect\$4 same panel) and graphite and tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:48
S63	5	S62 and "250"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:45
S64	43	(US-20020005490-\$ or US-20020150214-\$ or US-20020181659-\$ or US-20030031296-\$).did. or (US-5281803-\$ or US-5508740-\$ or US-5514873-\$ or US-5608774-\$ or US-5661309-\$ or US-5693948-\$ or US-5715292-\$ or US-5773832-\$ or US-5811790-\$ or US-5828726-\$ or US-5903052-\$ or US-5909478-\$ or US-5962856-\$ or US-5965872-\$ or US-6049074-\$ or US-6127714-\$ or US-6208708-\$ or US-6232607-\$ or US-6239439-\$ or US-6255638-\$ or US-6323891-\$ or US-6331705-\$ or US-6333963-\$ or US-6344652-\$ or US-6398409-\$ or US-6459132-\$).did. or (US-6469312-\$ or US-6475824-\$ or US-6552319-\$ or US-6700126-\$ or US-6707880-\$ or US-6714623-\$ or US-6723592-\$ or US-6667480-\$ or US-5784435-\$).did. or (US-5103092-\$ or US-5262871-\$ or US-5903052-\$ or US-5784435-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/20 07:48
S65	0	S61 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:48
S66	0	S64 and ((detect\$4 same panel) and graphite and tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:49
S67	0	S64 and ((detect\$4 and panel) and graphite and tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:49

## EAST Search History

S68	0	S64 and ((detect\$4 and panel) and compos\$4 and absorb\$4 and material)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:54
S69	838	(flat adj panel) and "250"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:56
S70	66	(flat adj panel) and 250/370.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:56
S71	6	(flat adj panel) and 250/515.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:58
S72	20	S70 and (graphite or tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:44
S73	3	S71 and (graphite or tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:59
S74	16	S72 and scintillat\$4 and control	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:34
S75	6	S72 and scintillat\$4 and board	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:43
S76	13	"5796109"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:39

## EAST Search History

S77	48	("2902603"   "2945955"   "2949534"   "3049620"   "3073954"   "3950646"   "3960756"   "4004151"   "4008945"   "4063803"   "4158773"   "4275298"   "4360773"   "4383175"   "4666251"   "4676817"   "4764677"   "4833320"   "4900937"   "4994673"   "5046854"   "5047635"   "5070249"   "5087818"   "5120963"   "5132539"   "5182791"   "5264154"   "5283439"   "5317158"   "5332906"   "5338937"   "5397893"   "5408097"   "5548116").PN. OR ("5796109"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:40
S78	10	("4803359"   "5187369"   "5661309"   "5773832"   "5828726"   "5844961"   "5877501"   "5920070"   "6047257").PN. OR ("6344652"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:40
S79	42	("20020005490"   "20020150214"   "20020181659"   "20030031296"   "20030136844"   "20040114725"   "5103092"   "5262871"   "5281803"   "5508740"   "5514873"   "5608774"   "5661309"   "5693948"   "5715292"   "5773832"   "5811790"   "5828726"   "5903052"   "5909478"   "5962856"   "5965872"   "6049074"   "6127714"   "6208708"   "6232607"   "6239439"   "6255638"   "6323891"   "6331705"   "6333963"   "6344652"   "6398409"   "6459132"   "6469312"   "6475824"   "6552319"   "6667480"   "6700126"   "6707880"   "6714623"   "6723592").PN. OR ("7046764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:42
S83	1	S78 and (graphite or tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:45

## EAST Search History

S84	163	S69 and (graphite or tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:45
S88	25	S61 and "250"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:03
S89	1	"6344652" and flat and panel and board and absorb\$4 and layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:03
S90	2	"6344652" and flat and panel and absorb\$4 and layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:04
S91	2	"6344652" and flat and panel and absorb\$4 and layer and scintillat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:04
S92	10	("4803359"   "5187369"   "5661309"   "5773832"   "5828726"   "5844961"   "5877501"   "5920070"   "6047257").PN. OR ("6344652"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 09:30
S93	84	("4011454"   "4694177"   "4870279"   "4906850"   "4933042"   "4940901").PN. OR ("5187369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 09:48
S94	17	("20010030291"   "20010045522"   "20020158205"   "20030221620"   "5132539"   "5153438"   "5179284"   "5187369"   "5208460"   "6042267"   "6172371"   "6262422"   "6278118"   "6328838"   "6414315"   "6624421"   "6777690").PN. OR ("6919569"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:03
S95	81	(radiograph\$4 and detect\$4 and panel and support and scintillat\$4 and absorb\$4 and composite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:09
S96	26	S95 and "250"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/20 10:04

## EAST Search History

S97	24	(radiograph\$4 and detect\$4 and (flat adj panel) and support and scintillat\$4 and absorb\$4 and composite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:14
S98	14681	Yutaka.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:14
S99	104	S98 and (flat adj panel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:16
S10 0	1	S98 and (flat adj panel) and radiograph\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:14
S10 1	3	("4138721"   "4628523").PN. OR ("6614871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:15
S10 4	41	S98 and (flat adj panel) and absorb\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:16
S10 5	48	(US-20020005490-\$ or US-20020150214-\$ or US-20030031296-\$ or US-20020181659-\$ or US-20020070365-\$).did. or (US-6323891-\$ or US-6707880-\$ or US-5608774-\$ or US-6239439-\$ or US-5715292-\$ or US-6344652-\$ or US-5796109-\$ or US-6614871-\$ or US-6208708-\$ or US-5909478-\$ or US-6398409-\$ or US-6459132-\$ or US-6723592-\$ or US-6475824-\$ or US-5903052-\$ or US-6049074-\$ or US-5508740-\$ or US-5661309-\$ or US-5828726-\$ or US-6667480-\$ or US-6232607-\$ or US-5962856-\$ or US-5514873-\$ or US-6127714-\$ or US-6700126-\$ or US-5811790-\$).did. or (US-5784435-\$ or US-5693948-\$ or US-6255638-\$ or US-5281803-\$ or US-5965872-\$ or US-6552319-\$ or US-5864146-\$ or US-6714623-\$ or US-6469312-\$ or US-7046764-\$ or US-6331705-\$ or US-6333963-\$ or US-5773832-\$).did. or (US-5784435-\$ or US-5903052-\$ or US-5262871-\$ or US-5103092-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/14 14:08

## EAST Search History

S10 6	6555	panel and support and graphite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:09
S10 7	79	radiograph\$4 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:09
S10 8	59	S107 and control	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:09
S10 9	48	(US-20020005490-\$ or US-20020150214-\$ or US-20030031296-\$ or US-20020181659-\$ or US-20020070365-\$).did. or (US-6323891-\$ or US-6707880-\$ or US-5608774-\$ or US-6239439-\$ or US-5715292-\$ or US-6344652-\$ or US-5796109-\$ or US-6614871-\$ or US-6208708-\$ or US-5909478-\$ or US-6398409-\$ or US-6459132-\$ or US-6723592-\$ or US-6475824-\$ or US-5903052-\$ or US-6049074-\$ or US-5508740-\$ or US-5661309-\$ or US-5828726-\$ or US-6667480-\$ or US-6232607-\$ or US-5962856-\$ or US-5514873-\$ or US-6127714-\$ or US-6700126-\$ or US-5811790-\$).did. or (US-5784435-\$ or US-5693948-\$ or US-6255638-\$ or US-5281803-\$ or US-5965872-\$ or US-6552319-\$ or US-5864146-\$ or US-6714623-\$ or US-6469312-\$ or US-7046764-\$ or US-6331705-\$ or US-6333963-\$ or US-5773832-\$).did. or (US-5784435-\$ or US-5903052-\$ or US-5262871-\$ or US-5103092-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/14 14:34

## EAST Search History

S11 0	42	("20020005490"   "20020150214"   "20020181659"   "20030031296"   "20030136844"   "20040114725"   "5103092"   "5262871"   "5281803"   "5508740"   "5514873"   "5608774"   "5661309"   "5693948"   "5715292"   "5773832"   "5811790"   "5828726"   "5903052"   "5909478"   "5962856"   "5965872"   "6049074"   "6127714"   "6208708"   "6232607"   "6239439"   "6255638"   "6323891"   "6331705"   "6333963"   "6344652"   "6398409"   "6459132"   "6469312"   "6475824"   "6552319"   "6667480"   "6700126"   "6707880"   "6714623"   "6723592").PN. OR ("7046764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/14 14:47
S11 1	78	("20020005490" "20020150214" "20020181659" "20030031296" "5103092" "5262871" "5281803" "5508740" "5514873" "5608774" "5661309" "5693948" "5715292" "5773832" "5811790" "5828726" "5903052" "5909478" "5962856" "5965872" "5784435" "6049074" "6127714" "6208708" "6232607" "6239439" "6255638" "6323891" "6331705" "6333963" "6344652" "6398409" "6459132" "6469312" "6475824" "6552319" "6700126" "6707880" "6714623" "6723592" "6667480").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:18



## EAST Search History

S11 2	48	(US-20020005490-\$ or US-20020150214-\$ or US-20030031296-\$ or US-20020070365-\$ or US-20020181659-\$).did. or (US-5796109-\$ or US-5281803-\$ or US-5608774-\$ or US-5661309-\$ or US-5693948-\$ or US-5715292-\$ or US-5784435-\$ or US-5811790-\$ or US-5828726-\$ or US-5903052-\$ or US-5909478-\$ or US-5962856-\$ or US-5965872-\$ or US-6232607-\$ or US-6239439-\$ or US-6552319-\$ or US-6723592-\$ or US-6127714-\$ or US-6323891-\$ or US-6331705-\$ or US-6333963-\$ or US-6344652-\$ or US-6398409-\$ or US-6459132-\$ or US-6469312-\$ or US-6475824-\$).did. or (US-6255638-\$ or US-5508740-\$ or US-5514873-\$ or US-5773832-\$ or US-6049074-\$ or US-6667480-\$ or US-6707880-\$ or US-5864146-\$ or US-6614871-\$ or US-6714623-\$ or US-6208708-\$ or US-6700126-\$ or US-7046764-\$).did. or (US-5262871-\$ or US-5784435-\$ or US-5103092-\$ or US-5903052-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/05 11:24
S11 3	78	("20020005490" "20020150214" "20020181659" "20030031296" "5103092" "5262871" "5281803" "5508740" "5514873" "5608774" "5661309" "5693948" "5715292" "5773832" "5811790" "5828726" "5903052" "5909478" "5962856" "5965872" "5784435" "6049074" "6127714" "6208708" "6232607" "6239439" "6255638" "6323891" "6331705" "6333963" "6344652" "6398409" "6459132" "6469312" "6475824" "6552319" "6700126" "6707880" "6714623" "6723592" "6667480").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 14:48
S11 4	0	S113 and panel and (graphite or tunsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 14:49
S11 5	0	S113 and panel and absorb\$4 and compos\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 15:00

## EAST Search History

S11 6	12	S113 and panel and absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 14:57
S11 7	12	S113 and panel and detect\$4 and absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 14:57
S11 8	26	S113 and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 15:07
S11 9	11	("3496360"   "4258264"   "4681227"   "4922105"   "5511106"   "5579366"   "5796109").PN. OR ("6700126"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:05
S12 0	4	S119 and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 15:07
S12 1	5	("20020005490"   "5859680"   "6469312"   "6700126"   "6825472").PN. OR ("7078703"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:31
S12 2	0	S121 and graphite	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:31
S12 3	0	S121 and tungsten	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:31
S12 4	19	("4176275"   "4535468"   "4961209"   "5103092"   "5107482"   "5132627"   "5268569"   "5354982"   "5432354"   "5925890"   "6268614"   "6304362"   "6319321").PN. OR ("6469312"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:41

## EAST Search History

S12 5	42	("20020005490"   "20020150214"   "20020181659"   "20030031296"   "20030136844"   "20040114725"   "5103092"   "5262871"   "5281803"   "5508740"   "5514873"   "5608774"   "5661309"   "5693948"   "5715292"   "5773832"   "5811790"   "5828726"   "5903052"   "5909478"   "5962856"   "5965872"   "6049074"   "6127714"   "6208708"   "6232607"   "6239439"   "6255638"   "6323891"   "6331705"   "6333963"   "6344652"   "6398409"   "6459132"   "6469312"   "6475824"   "6552319"   "6667480"   "6700126"   "6707880"   "6714623"   "6723592").PN. OR ("7046764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:28
S12 6	58666	panel and cover and absorb\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:28
S12 7	8	S125 and S126	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:28

## EAST Search History

S12 8	48	(US-20030031296-\$ or US-20020181659-\$ or US-20020150214-\$ or US-20020005490-\$ or US-20020070365-\$).did. or (US-6707880-\$ or US-6723592-\$ or US-6714623-\$ or US-6667480-\$ or US-6700126-\$ or US-6475824-\$ or US-6552319-\$ or US-6459132-\$ or US-6469312-\$ or US-6398409-\$ or US-6344652-\$ or US-6333963-\$ or US-6331705-\$ or US-6323891-\$ or US-6255638-\$ or US-6239439-\$ or US-6208708-\$ or US-6232607-\$ or US-6049074-\$ or US-6127714-\$ or US-5965872-\$ or US-5903052-\$ or US-5962856-\$ or US-5909478-\$ or US-5811790-\$ or US-5828726-\$).did. or (US-5773832-\$ or US-5661309-\$ or US-5784435-\$ or US-5715292-\$ or US-5514873-\$ or US-5693948-\$ or US-5281803-\$ or US-5608774-\$ or US-5508740-\$ or US-7046764-\$ or US-5796109-\$ or US-5864146-\$ or US-6614871-\$).did. or (US-5784435-\$ or US-5903052-\$ or US-5103092-\$ or US-5262871-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 10:14
S12 9	10	S128 and scintillator and array and elect\$4 and panel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 10:42
S13 0	10	S128 and scintillator and array and elect\$4 and (panel or support)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 10:14
S13 1	10	S128 and scintillator and array and panel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 10:42
S13 2	3128	panel and intersper\$4 and absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 11:08
S13 3	35	"250"\$.ccls. and S132	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 13:49
S13 4	258645	substrate and (shield or lead) and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 13:49

## EAST Search History

S13 5	49	(US-20030031296-\$ or US-20020181659-\$ or US-20020150214-\$ or US-20020005490-\$ or US-20020070365-\$).did. or (US-6707880-\$ or US-6723592-\$ or US-6714623-\$ or US-6667480-\$ or US-6700126-\$ or US-6475824-\$ or US-6552319-\$ or US-6459132-\$ or US-6469312-\$ or US-6398409-\$ or US-6344652-\$ or US-6333963-\$ or US-6331705-\$ or US-6323891-\$ or US-6255638-\$ or US-6239439-\$ or US-6208708-\$ or US-6232607-\$ or US-6049074-\$ or US-6127714-\$ or US-5965872-\$ or US-5903052-\$ or US-5962856-\$ or US-5909478-\$ or US-5811790-\$ or US-5828726-\$).did. or (US-5773832-\$ or US-5661309-\$ or US-5784435-\$ or US-5715292-\$ or US-5514873-\$ or US-5693948-\$ or US-5281803-\$ or US-5608774-\$ or US-5508740-\$ or US-7046764-\$ or US-5796109-\$ or US-5864146-\$ or US-6614871-\$ or US-5650626-\$).did. or (US-5784435-\$ or US-5903052-\$ or US-5103092-\$ or US-5262871-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/14 13:49
S13 6	0	S135 and substrate and reflect and (metal or lead) and (detect\$4 adj panel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 15:30
S13 7	4	S135 and substrate and reflect and (metal or lead) and panel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:06
S13 8	24	S135 and (support or substrate) and (tungsten or lead or barium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 14:45
S13 9	148287	S135 and cesium or iodide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 15:30
S14 0	9	S135 and (cesium or iodide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 15:37

## EAST Search History

S14 1	16	S135 and (cesium or iodide or CsI)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:45
S14 2	502127	reflect\$4 and (metal or lead)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:04
S14 3	56508	substrate and (multi adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:05
S14 4	16668	S142 and S143	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:05
S14 5	53	"L11" and graphite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:05
S14 6	0	S145 and (detect\$4 adj panel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:06
S14 7	48	S145 and (support or panel or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:08
S14 8	3195	graphite and (substrate same lead) and insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:08
S14 9	45532	(substrate or (panel adj support)) and graphite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:09
S15 0	36147	S149 and (layer or stack or (multi adj layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:10
S15 1	216	S150 and radiograph\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:10
S15 2	99	S151 and tungsten	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 18:44

## EAST Search History

S15 3	27	S152 and lead and barium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/14 16:38
S15 4	26	("4329410"   "4433427"   "4688242"   "5190637"   "5206983"   "5231654"   "5263075"   "5303282"   "5378583"   "5379336"   "5418833"   "5496668"   "5524041"   "5576147"   "5581592"   "5606589"   "5625192"   "5729585"   "5814235"   "5847398"   "5949850"   "5966424"   "6075840"   "6252938"   "6459771"   "6470072").PN. OR ("6987836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 16:53
S15 5	7	S154 and (graphite or tungsten)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 18:43
S15 6	1	S154 and graphite	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 17:09